



POWER OF ATTORNEY

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Standring *et al.*

Confirmation No.: 2664

Patent No. 7,186,700

Issued: March 6, 2007

Serial No.: 10/662,641

Filed: September 15, 2003

For: BETA-L-2'-DEOXYNUCLEOSIDES FOR  
THE TREATMENT OF RESISTANT HBV  
STRAINS AND COMBINATION  
THERAPIES

Attny Docket No: 06171.105097 (IDX 1021 US)  
(New Docket No. 11874-008-999)

**REVOCATION AND POWER OF ATTORNEY AND  
STATEMENT UNDER 37 C.F.R. 3.73(b)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

IDENIX PHARMACEUTICALS, INC. (assignee) hereby revokes any and all previous powers and appoints:

☒ Practitioners at Customer Number 20583

to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please direct all correspondence address for the above-identified application to:

☒ The above mentioned Customer Number.

☒ Firm or Individual Name:

Address: Jones Day, 222 East 41st Street, New York, New York 10017

Telephone: (212) 901-9028

IDENIX PHARMACEUTICALS, INC. is the:

- ☐ Applicant/Inventor  
☒ Assignee of record of the entire interest. See 37 CFR 3.71.  
(Statement under 37 CFR 3.73(b) is applicable)

**STATEMENT UNDER 37 C.F.R. 3.73(B)**

**IDENIX PHARMACEUTICALS, INC.** states that it is:

☒ the assignee of the entire right, title, and interest; or

in the patent application/patent identified above by virtue of either:

☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office on at Reel, Frame, or for which a copy thereof is attached.

OR

☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: To:

The document was recorded in the United States Patent and Trademark Office on at Reel, Frame, or for which a copy thereof is attached.

☒ Copies of assignments or other documents in the chain of title are attached.  
[Note: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

**ASSIGNEE: IDENIX PHARMACEUTICALS, INC.**

Date: October 15, 2007

Signature:

Typed Name:

Position/Title:



**JEAN-PIERRE SOMMADOSSI, Ph.D.  
CHAIRMAN AND CEO  
IDENIX PHARMACEUTICALS, INC.**

## ASSIGNMENT

WHEREAS, I, DAVID STANDRING, ASSIGNOR, citizen of Great Britain, residing at 205 Gun Hill Street, Milton, MA 02186, am the inventor of the invention in **BETA-L-2'-DEOXYNUCLEOSIDES FOR THE TREATMENT OF RESISTANT HBV STRAINS AND COMBINATION THERAPIES** for which I have executed an application for a Patent of the United States

- ☒ which is identified by Jones Day docket no. 11874-008-999
- ☒ which was filed on September 15, 2003, Application No. 10/662,641

and WHEREAS, IDENIX PHARMACEUTICALS, INC., a corporation organized and existing under the laws of the state of Delaware, and having an office for the transaction of business at 60 Hampshire Street, Cambridge, Massachusetts 02139, ASSIGNEE, is desirous of obtaining our entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, I, the said ASSIGNOR, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, my entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND I HEREBY authorize and request the Commissioner for Patents and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND I HEREBY covenant and agree that I have full right to convey the entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

AND I HEREBY further covenant and agree that I will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal the day and year set opposite our respective signatures

Date Sept 25th, 2007

Date 9/25/200, 2007

Date 9/25/07, 2007

David Standring L.S.  
DAVID STANDRING

Alan Seitz  
Witness

Jocelyn Jakubik  
Witness

# ASSIGNMENT

WHEREAS, I, JEAN-PIERRE SOMMADOSSI, ASSIGNOR, citizen of France, residing at 7 Lowell Street, Cambridge, MA 02138, am the inventor of the invention in **BETA-L-2'-DEOXYNUCLEOSIDES FOR THE TREATMENT OF RESISTANT HBV STRAINS AND COMBINATION THERAPIES** for which I have executed an application for a Patent of the United States

- ☒ which is identified by Jones Day docket no. 11874-008-999
- ☒ which was filed on **September 15, 2003**, Application No. 10/662,641

and WHEREAS, IDENIX PHARMACEUTICALS, INC., a corporation organized and existing under the laws of the state of Delaware, and having an office for the transaction of business at 60 Hampshire Street, Cambridge, Massachusetts 02139, ASSIGNEE, is desirous of obtaining our entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, I, the said ASSIGNOR, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, my entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

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IN TESTIMONY WHEREOF, I hereunto set my hand and seal the day and year set opposite our respective signatures

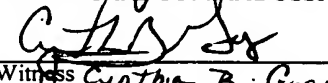
Date July 31, 2007

Date July 31, 2007

Date 7/31, 2007

  
JEAN-PIERRE SOMMADOSSI

L.S.

  
Witness Cynthia B. Gagne

  
Witness

## ASSIGNMENT

WHEREAS, I, APRIL L. PATTY, ASSIGNOR, of citizen of the United States of America, residing at 19 Dearborn Street, Medford MA 02155, am the inventor of the invention in **BETA-L-2'-DEOXYNUCLEOSIDES FOR THE TREATMENT OF RESISTANT HBV STRAINS AND COMBINATION THERAPIES** for which I have executed an application for a Patent of the United States

- ☒ which is identified by Jones Day docket no. 11874-008-999
- ☒ which was filed on September 15, 2003, Application No. 10/662,641

and WHEREAS, IDENIX PHARMACEUTICALS, INC., a corporation organized and existing under the laws of the state of Delaware, and having an office for the transaction of business at 60 Hampshire Street, Cambridge, Massachusetts 02139, ASSIGNEE, is desirous of obtaining our entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, I, the said ASSIGNOR, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, my entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND I HEREBY authorize and request the Commissioner for Patents and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND I HEREBY covenant and agree that I have full right to convey the entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

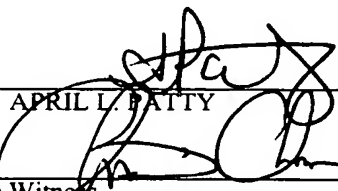

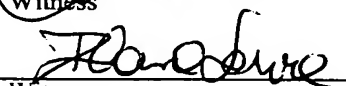
AND I HEREBY further covenant and agree that I will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal the day and year set opposite our respective signatures

Date Aug 7, 2007

Date 8/07, 2007

Date 8/07, 2007

  
APRIL L. PATTY  
  
Witness  
  
Witness

L.S.

## ASSIGNMENT

WHEREAS, I, MARIA SEIFER, ASSIGNOR, of citizen of Germany, residing at 8 Stonebridge Circle, Clinton, MA 01510, am the inventor of the invention in **BETA-L-2'-DEOXYNUCLEOSIDES FOR THE TREATMENT OF RESISTANT HBV STRAINS AND COMBINATION THERAPIES** for which I have executed an application for a Patent of the United States

- ☒ which is identified by Jones Day docket no. 11874-008-999
- ☒ which was filed on September 15, 2003, Application No. 10/662,641

and WHEREAS, IDENIX PHARMACEUTICALS, INC., a corporation organized and existing under the laws of the state of Delaware, and having an office for the transaction of business at 60 Hampshire Street, Cambridge, Massachusetts 02139, ASSIGNEE, is desirous of obtaining our entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, I, the said ASSIGNOR, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, my entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

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AND I HEREBY further covenant and agree that I will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal the day and year set opposite our respective signatures

Date August 7th, 2007

Maria Seifer  
MARIA SEIFER

L.S.

Date August 7th, 2007

Michaela  
Witness

Date August 7th, 2007

Samuel E. Eubank  
Witness